PTO/SB/05 (05-m)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCAIN OF COMMERC Under the Paperwork Reduction Act of 1995, no persons are requ

## UTILITY **PATENT APPLICATION TRANSMITTAL**

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Attorney Docket No. 29			9926/39500	Ċ		
First Inventor Wor		Won-⊦	ło Lee	- V		
Title	METHOD FOR FABRICATING IMAGE SENSOR INCLUDING ISOLATION LAYER HAVING TRENCH STRUCTURE					
Express Mail Label No.		hal No	EV 202777041 LIC			

(Only for new nonprovisional applications under 37 CFR 1.53(b))	TRENCH STRUCTURE .					
	ss Mail Label No. EV 323777241 US					
APPLICATION ELEMENTS	MS Patent Application Commissioner for Patents P.O. Box 1450					
See MPEP chapter 600 concerning utility patent application conte	Alexandria, VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 19  (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 5  5. Oath or Declaration [Total Sheets 5  Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d))	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement (when there is an assignee)  11. English Translation Document (if applicable)  12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  13. X Preliminary Amendment  14. Return Receipt Postcard (MPEP 503)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76	15. X (Should be specifically itemized)  16. X (Should be specifically itemized)  17. (Should be specifically itemized)  18. X (Should be specifically itemized)  19. Certified Copy of Priority Document No. 10-2002-0085164  19. (If foreign priority is claimed)  19. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  19. Applicant must attach form PTO/SB/35 or its equivalent.  19. Other:					
	nd supply the requisite information below and in the first sentence of the specification					
following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner  Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by						
	tion has been inadvertently omitted from the submitted application parts.					
X Customer Number or Bar Code Label	04743 or X Correspondence address below					
MARSHALL, GERSTEIN & BORUN Michael R. Hull						
Address 233 S. Wacker Drive, Suite 630 Sears Tower	· ·					
City Chicago State						
Country US Telep	phone (312) 474-6300   Fax (312) 474-0448					
Name (Print/Type) Mark H. Hopkins, Ph.D.	Registration No. (Attorney/Agent) 44,775					
Signature MOLOL	Date July 10, 2003					

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 323777241 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. Dated: July 10, 2003 (Richard Zimmermann)

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FEE TRANSMITTAL		Complete if Known					
TEE INAMONITIAL		Application Number Not Yet Assigned					
for FY 2003					Concu	Concurrently Herewith	
Effective 01/01/2003, Patent fees are subject to annual revision.	4	First Named Inventor Won-Ho Lee					
		Examiner Name Not Yet Assigned			t Assigned		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit N/A					
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorney Docket No. 29926/39500					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Credit Money	3. ADDITIONAL FEES						
X Check Card Order Other None	"	, DDIIIC	/1 <b>1</b> /1L	. LLO		•	
Deposit Account		o Entity	Cmal	l Entity		:	
Deposit Account 13-2855	Fee	e Entity Fee	Fee	l Entity Fee	Fac F	o o o mi mál o m	
Number	Code	(\$)	Code	(\$)	reeL	escription	Fee Paid
Deposit MARSHALL, GERSTEIN &	1051	130	2051	65	Surcharge – late filir	g fee or oath	
Name BORUN The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late pro sheet.	visional filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		otion	
Charge any additional fee(s) during the pendency of this					Non-English specific		
application	1812	2,520	1812		For filing a request for Requesting publicat	<u> </u>	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920	Examiner action		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publicat Examiner action	on of SIR after	
FEE CALCULATION	1251	110	2251	55	Extension for reply v	rithin first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply v	rithin second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply v	rithin third month	
Fee Fee Fee Fee Fee Description Fee Paid  Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply v	vithin fourth month	
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply v	rithin fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal		
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in supp	ort of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hea	ring	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451			public use proceeding	
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – u		-
	1453 1501	1,300	2453 2501		Petition to revive - u		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1502	470	2502		Jtility issue fee (or r Design issue fee	sissuej	
Total Claims 6 -20** = X = 0.00	1502	630	2502		Plant issue fee		
Independent — — — — — — — — — — — — — — — — — — —	1460	130	1460	130	Petitions to the Com	missioner	-
Claims	1807	50	1807	50	Processing fee unde		<b></b>
Multiple Dependent =	1806	180	1806	180	_	nation Disclosure Stmt	
Large Entity Small Entity Fee	1	1			Recording each pate		
Code (\$) Code (\$)	8021	40	8021	40	property (times num Filing a submission	per of properties)	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional examined (37CFR 1		
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	•	ed Examination (RCE)	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedite of a design application		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Other	fee (spec	cify)		o. a acoign applicat		
SUBTOTAL (2) (\$) 0.00		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00					
**or number previously paid, if greater, For Reissues, see above							
SUBMITTED BY					Comp	ete (if applicable)	
Name (Print/Type) Mark H. Hopkins, Ph.D.		tration No ey/Agent)	44	,775		one (312) 474-6633	3
Signature Date July 10, 2003							
L 7 ( 7 ( )		-					

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Dated: July 10, 2003	Signature: (Richard Zimmermann)

Attorney Docket No.: 29926/39500

## Certificate of Express Mailing Under 37 CFR 1.10

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on July 10, 2003 Date

Signature

Richard Zimmermann

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IDS (Citation) by Applicant

Attorney Docket No.: 29926/39500

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on <u>July 10, 2003</u>
Date

Signature

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**Application Data Sheet**